

Description

Decorative panel containing graphic representations of the illuminated religious symbols and commemorative or holiday signs

BACKGROUND OF INVENTION

[0001] The invention relates to commemorative religious, illuminated holiday displays, used for decoration, holiday celebration, religious observance or similar purposes whenever public display of such information is needed.

SUMMARY OF INVENTION

[0002] It is an objective of the present invention to develop an illuminated panel of the aforementioned kind that is portable, compact and easily attachable to surfaces such as car windshields, windows, glass doors or other surfaces of any geometric form from inside as well as outside. With the present invention, this is achieved by using luminescent film shaped in the form of the symbols, and embed-

ded in the transparent flexible panel. The panel is supplied with an adhesive layer, suction cups or any other means of mounting it to the applicable surface.

[0003] Panel elements that require additional contrast with the embedded symbols are provided with light-emitting electric devices with corresponding energy sources and control circuitry integrated into the panel display.

BRIEF DESCRIPTION OF DRAWINGS

[0004] FIG. 1 General view of the illuminated panel

[0005] FIG. 2 Panel's cross-section (Inset A from Fig. 1)

[0006] FIG. 3 Assembly Scheme

DETAILED DESCRIPTION

[0007] The illuminated display includes smooth front and back surfaces. The shape of the religious, commemorative or holiday symbol (such as Menorah, birthday cake, Christmas tree, National Flag, etc.) is cut from luminescent film and embedded between two transparent layers of plastic. The front or back surface of the display panel may be covered by a transparent adhesive to provide an easy way of attaching it to the surface of windows, car windshields, glass doors or similar objects. The illuminated display

panel usually has, but is not limited to, a rectangular shape of any suitable size.

[0008] Two pieces of luminescent film are cut in the form of the desired symbol and glued together, luminescent sides outward. Obtained item is glued to the sheet of transparent plastic, serving as a backside (background layer) for the display. Another sheet of the transparent plastic is applied to the other side of the described item and serves as a front side for the illuminated display. The resulting panel can be etched in any desirable form.

[0009] Whenever light-emitting devices are necessary to provide additional brightness to the parts of an image on the illuminated display panel, these light-emitting devices (such as Light Emitting Diodes or LEDs) are attached to the corresponding positions within the illuminated image. Copper conductors, connected to the LEDs, are placed between two layers of the luminescent film and extend outward through the slit in the background layer to be attached to the integrated control circuit / energy source (battery) element of the panel. This integrated control circuit / battery element is molded in the epoxy material and attached to the back side of the illuminated display panel.

[0010] While specific embodiments of the invention have been

shown and described in detail to illustrate the inventive principles, it is understood that the invention may take a different form without departing from such principles.